

**EMISSION INFORMATION REPORT**  
**in accordance with C.C.R. § 2146 (initial FIR-reference: 2015-Q2)**

**1.0 Manufacturer's Corporate Name**

Daimler, AG ("DAI") and Mercedes-Benz USA, LLC ("MBUSA")

**2.0 Description of the Defect:**

Submission date: 2015-03-21

Part designation: SCR Preheater

Part number(s): A 166 471 07 75, A 164 471 12 75

Ammoniac from the DEF may diffuse through the coating of the heating element and may cause corrosion of an electrical pin within the heater. The electrical resistance of the heating element may increase and cause a possible malfunction. In this case the MIL is illuminated.

**3.0 Description of Each Class of Vehicles Potentially Affected**

Certain model year 2012 Mercedes-Benz vehicles ("subject vehicles") are affected. The table below lists the potentially affected vehicle test groups for the subject vehicles.

MY	Engine Family	MB Vehicle Code	Transm. Config.	Model	CA Sales
2012	CMBXT03.0U2 A	W166DE30TC 4x4	L-7	ML 350 (BTEC) 4MATIC	1,112
	CMBXT03.0U2 B	X164DE30TC 4x4 V251DE30TC 4x4	L-7	GL 350 (BTEC) 4MATIC R 350 (BTEC) 4MATIC	967
	<b>Total</b>				<b>2,079</b>

**4.1 Number of Vehicles Estimated to be Potentially Affected**

The number of potentially affected vehicles is 2,079. DAG estimates that approximately 200 potentially affected vehicles may experience this situation in the field within FUL.

**4.2 Address of Plants at Which Potentially Affected Vehicles Were Produced**

Mercedes-Benz, Tuscaloosa, AL, USA

## **5.0 Emission and Drivability Impact of Affected Vehicles**

The readiness of the DEF system may be reduced, the vehicles may exceed emission standards.

Drivability is not affected by this situation.

## **6.0 Emission Data**

No emission tests were performed.

## **7.0 Manufacturer Follow Up**

All potentially affected vehicles are still within the 4 year / 50,000 miles emissions warranty of MBUSA. DAG has implemented design and software improvements to the DEF system – an improved coating material for the heater element (polypropylene instead polyamide) and an improved heating strategy. Based on the current low failure rates over the affected test groups DAG will continue to monitor the field warranty claims rate and remedy all customer complaints under warranty on a fix-as-fail base. If the percentage of claims increases significantly DAG will consider additional field actions.